

MLTI

Assign Local VPP Purchases to MLTI iOS Devices

Updated Friday, November 6, 2015

Requirements:

- School Volume Purchase Program (VPP) account credentials
- JAMF Site Admin Credentials

Summary:

This document describes the process for schools to purchase iOS app licenses that can be installed directly on MLTI devices without user intervention and without the need for an Apple ID. When an institution purchases Managed Distribution app licenses, the institution can assign and revoke the apps through the JAMF management system provided by MLTI.

Note: This document assumes that VPP enrollment has been completed. If your institution has already enrolled in Apple ID for Students, you'll automatically be enrolled in VPP. There may be some additional steps to complete, but you do not need to enroll again. If your institution has not enrolled in either program, you can start the enrollment process at deploy.apple.com.

PLEASE NOTE: *Your VPP token can only be used in one Mobile Device Management (MDM) system, like JAMF, at a time. If you attempt to upload a VPP token that is already in use by another MDM or to a second school site within the same MDM, any assigned apps will be revoked from devices at the previous school site. You can create additional VPP administrators for each school site at deploy.apple.com. Each administrator has a unique token that can be used for each unique site or MDM. Apps will need to be purchased by each admin for each site.*

Step 1 - Purchasing VPP Credit

(if you have already purchased VPP Credit, skip to Step 2)

Go to <http://store.apple.com/us/browse/home/findyourschool> or sign in as your school here: <https://ecommerce.apple.com/asb2b/fys.do?language=EN&country=US>

Got to the Solutions & Offerings tab, select Volume Purchase Program Credit from the dropdown menu.

Choose Volume Purchase Program Credit for Education. Enter the amount, VPP account holder name, institution name, and VPP account holder email address.

NOTE: Please ensure that you have entered the email address of the registered VPP Admin who will be redeeming the credit. Registration in the Volume Purchase Program is required to purchase and redeem VPP Credit.

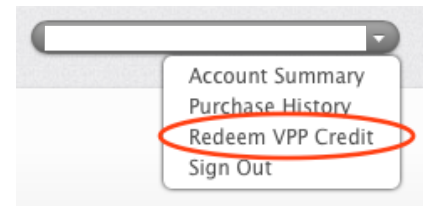
A VPP Credit code will be emailed to the VPP admin within 24 hours of the purchase date.

Step 2 - Redeeming VPP Credit & Purchasing Apps

(if you have already redeemed VPP credit and purchased apps, skip to Step 3)

Once credit has been purchased, the VPP admin will need to redeem the credit on the VPP site.

Go to deploy.apple.com and log in with the VPP Admin Apple ID. From the dropdown menu, choose Redeem VPP Credit. Enter the code provided in the email and click the redeem button.



Next, in the search field, enter the name of the app you want to purchase.

A screenshot of the search interface on deploy.apple.com. It features a search bar with the placeholder text 'Name, ISBN, or Link', a 'Media Type' dropdown menu set to 'All', and a 'Search' button.

Verify that you have selected the correct app, enter the quantity you want to purchase, then select Managed Distribution as the distribution type.

A screenshot of the 'Distribution Type' selection screen. There are two radio button options: 'Redeemable Codes' and 'Managed Distribution'. The 'Managed Distribution' option is selected, indicated by a blue dot. The text for 'Managed Distribution' reads: 'Assign apps to users on iOS 7 or later or on OS X 10.9 or later using a Mobile Device Management (MDM) solution, such as the latest version of Apple Profile Manager. You retain ownership of apps only, allowing you to revoke and reassign them as needed.'

Click the Review Order button. Review the purchase you plan to make and then click the Place Order button.

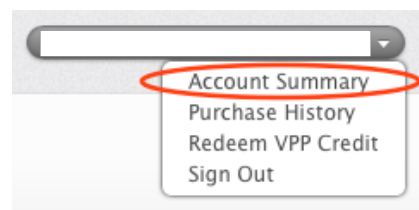
Step 3 - Adding VPP Token to JAMF

(if you have already added your VPP token to JAMF, skip to Step 4)

PLEASE NOTE: *Your VPP token can only be used in one Mobile Device Management (MDM) system, like JAMF, at a time. If you attempt to upload a VPP token that is already in use by another MDM or to a second school site within the same MDM, any assigned apps will be revoked from devices at the previous school site. You can create additional VPP administrators for each school site at deploy.apple.com. Each administrator has a unique token that can be used for each unique site or MDM. Apps will need to be purchased by each admin for each site.*

To manage VPP apps through JAMF, a VPP token must be downloaded from the VPP website and added to your site in JAMF.

On the VPP website, choose Account Summary from the dropdown menu.



Under Managed Distribution, click the Download Token Link. This will download your VPP token to your device.

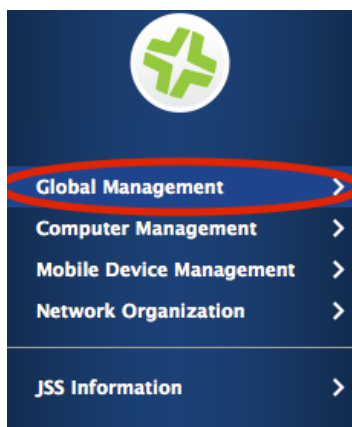
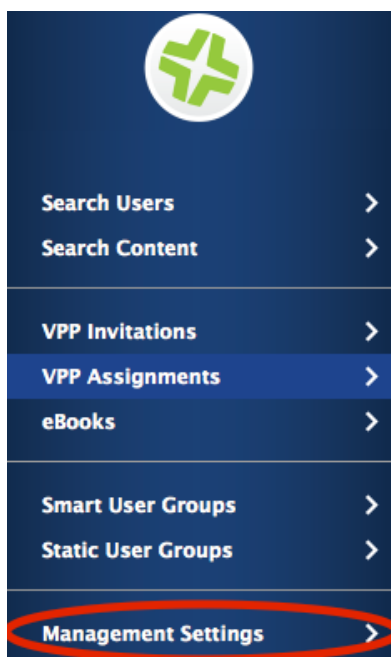
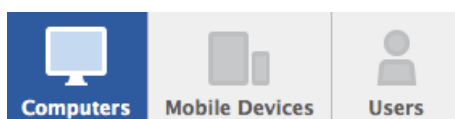
Account Summary

Managed Distribution

Easily assign apps or books to users on iOS 7 or later or on OS X 10.9 or later using a Mobile Device Management (MDM) solution, such as the latest version of Apple Profile Manager. If you have an MDM solution, you can download a token which can be used to link your MDM solution with your VPP account. Once linked, you can invite users, assign apps and books, and revoke and reassign apps directly through your MDM solution. This token will expire after one year or after a password reset.

[Download Token](#)

Log in to maine.jamfcloud.com with your site admin credentials. Select either Computers or Mobile Devices tab, choose Management Settings, choose Global Management, then choose VPP Accounts.



Global Management



VPP Accounts

Click the + button to add a new VPP account.



Enter the name as school code-school name.



Display Name
Display name for the account
[Required]

Contact
Contact person for the account

Service Token
Service token from Apple's VPP store (.vpptoken)
Upload Service Token

Account Name
Name of the account

Expiration Date
Date that the service token expires

Country
Country associated with the account
United States

Apple ID
Apple ID associated with the account

Upload the VPP token you downloaded in the previous steps by clicking the Upload Service Token Button.



Enter the Apple ID associated with the VPP Account





When you purchase additional apps, it may take some time for JAMF to reflect your recent purchases. You can manually update JAMF by going to Mobile Devices (or Computers) > Management Settings > Global Management, and selecting your VPP Account. Once there, select Content, iOS App and then click the Refresh button beside the app or click the Update Purchased Content button and search for the new app you have already purchased. JAMF will add your new purchases to the list.

Once your purchases are reflected in this list, you can move to Step 4 to assign the apps to devices or device groups.

Details **Content**

iOS App Mac App Store App

Name	Total	In Use	Reported	
AirPort Utility	40	0	40	 Refresh
Nearpod	100	2	100	Refresh
iBooks	100	0	100	Refresh
Pages	5	2	5	Refresh
Keynote	5	2	5	Refresh
iMovie	5	2	5	Refresh
GarageBand	5	2	5	Refresh
Numbers	5	2	5	Refresh
Self Service Mobile	100	0	100	Refresh

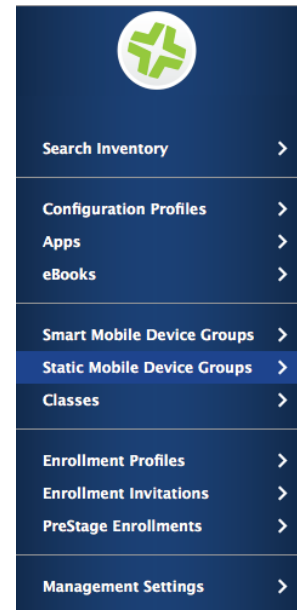
 Update Purchased Content

Step 4 - Assigning Apps to Devices or Device Groups

Once you have refreshed your purchased content, you can set up the app to be automatically installed on specific devices. Our recommendation is to build a Static or Smart Mobile Device Group and manage device assignment by moving devices in or out of that group.

In this example, we will build a Static Mobile Device Group. Smart Device Groups are also an option if you have specific device criteria that you want to base installation of the app upon.

Build a Mobile Device Group by going to Mobile Devices > Static Device Groups and clicking the + button.



Create a logical name for your group.



Airport Utility App Group

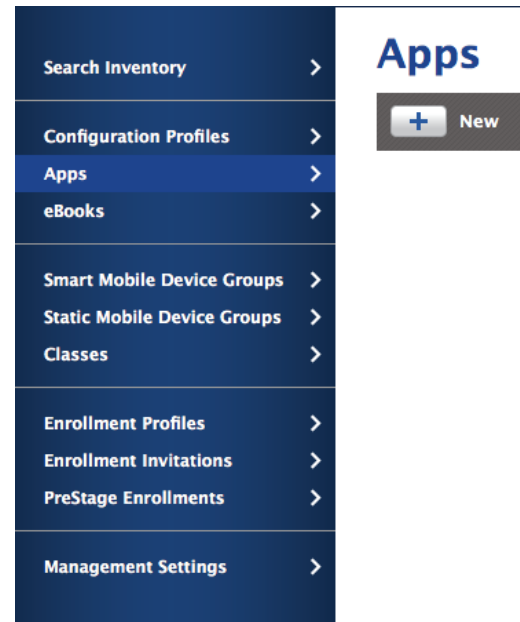
Mobile Device Group	Assignments
<p>Display Name Display name for the static mobile device group <input type="text" value="Airport Utility App Group"/></p> <p>Site Site to add the static mobile device group to <input type="text" value="None"/></p>	
<div>Done History View Clone Delete Edit</div>	

Go to Assignments to add devices and click Save when done.

Mobile Device Group		Assignments						
Viewing 1 to 3 of 3 entries (filtered from 4 total entries)						Show	100	9
First < 1 > Last								
Name	Last Inventory Update	Managed	Model	Serial Number	Supervised	Username	iOS Version	Asset Tag
<input checked="" type="checkbox"/> 4004740-testjss	Yesterday at 7:08 PM	Managed	iPad 4th Generation (Wi-Fi)	DMPKWWXJF183	Supervised	4004740-User	9.1	4004740
<input checked="" type="checkbox"/> 4024692-testjss	Today at 12:53 PM	Managed	iPad 4th Generation (Wi-Fi)	DMPKXLRSF183	Supervised	4024692-User	9.0.2	4024692
<input type="checkbox"/> iPad	05/04/2015 at 4:17 PM	Managed	iPad 4th Generation (Wi-Fi)	DMPKX9D6F183	Supervised	DMPKX9D6F183	8.3	4001687

Cancel
Save

Next we will assign the app. Go to Mobile Devices > Apps and click the + button.



Select App Store App and click Next

Choose an App Type

☒ Choose Type
☐ Search or Upload
☐ Add App

☒ App Store app
☐ In-house app

Cancel
Next

Search for the App you want to install and click Next

Search the App Store or Upload a VPP Code Spreadsheet

☐ Choose Type

☒ Search or Upload

☐ Add App

Search:

App Store Country

VPP Code Spreadsheet
VPP code spreadsheet (.xls) to use to add the app
 no file selected

Click the **Add** button beside the app you want to install

Add an App

☐ Choose Type

☐ Search or Upload

☒ Add App

iPad Apps iPhone & iPod Touch Apps

Name	Price	Company		
AirPort Utility	Free	Apple Inc.	<input type="button" value="View iTunes Preview Page"/>	<input type="button" value="Add"/>
iMovie	4.99	Apple Inc.	<input type="button" value="View iTunes Preview Page"/>	<input type="button" value="Add"/>
Remote	Free	Apple Inc.	<input type="button" value="View iTunes Preview Page"/>	<input type="button" value="Add"/>
Airport Trucks Car Parking Simulator – Real Driving Test Sim Racing Games	Free	Play With Games Ltd	<input type="button" value="View iTunes Preview Page"/>	<input type="button" value="Add"/>
Free Wi-Fi Finder	Free	JiWire Inc.	<input type="button" value="View iTunes Preview Page"/>	<input type="button" value="Add"/>
Airplane!	Free	Quantum Design Group	<input type="button" value="View iTunes Preview Page"/>	<input type="button" value="Add"/>

Name your app, select the category and be sure to choose *Install Automatically/Prompt Users to Install* under Distribution Method.

AirPort Utility

General	Scope	VPP	App Configuration
Display Name Display name for the app <input type="text" value="AirPort Utility"/>			
Site Site to add the app to <input type="text" value="None"/>			
Category Category to add the app to <input type="text" value="None"/>			
Version Version of the app <input type="text" value="1.3.4"/>			
Bundle Identifier Bundle identifier for the app <input type="text" value="com.apple.airport.mobileairportutility"/>			
<input checked="" type="checkbox"/> Free App is free			
Distribution Method Method to use for distributing the app <input type="text" value="Install Automatically/Prompt Users to Install"/>			
<input checked="" type="checkbox"/> Automatically update app Automatically update app description, icon, and version in the JSS and on mobile devices			
iTunes Country or Region Country or region to use when syncing app with iTunes <input type="text" value="United States"/>			
iTunes Sync Time Time to sync with iTunes each day to automatically update app description, icon, and version in the JSS and on mobile devices <input type="text" value="12"/> <input type="text" value="00"/> <input type="text" value="a.m."/>			
<input checked="" type="checkbox"/> Make app managed when possible Make the app managed when managed app requirements are met			
<input type="checkbox"/> Remove app when MDM profile is removed			
<input type="checkbox"/> Prevent backup of app data			
Force App Update Force update for app on mobile devices if an update is available <input type="button" value="Force Update"/>			
App URL URL of the app's iTunes Preview page (e.g. "https://itunes.apple.com/us/app/name-of-app/id123456789?mt=8") <input type="text" value="https://itunes.apple.com/us/app/airport-utility/id427276530?mt=8&uo=4"/>			
			<input type="button" value="Cancel"/> <input type="button" value="Save"/>

Next, Click the Scope tab and add your Device Group to the scope for this app.

AirPort Utility

Scope Self Service VPP

Add Deployment Targets

Mobile Devices **Mobile Device Groups** Users User Groups Buildings Departments

Viewing 1 to 11 of 11 entries First < 1 > Last Show 100 Filter Results

Group Name	Add
All Managed iPads	Add
AirSecure Browser Installed	Add
Airport Utility App Group	Add
All Managed iPhones	Add
All Managed iPod touches	Add
Needs iOS Update	Add
Curtis Class	Add
Activation Lock Bypass Code	Add
Test	Add
Self Service Mobile Not Installed	Add
iOS 8	Add

Done

Cancel Save

Next, Click the VPP tab. Check Assign VPP Content and select your VPP account. Click Save.

AirPort Utility

General **Scope** Self Service **VPP**

Device Assignments

VPP Content

Total Content	In Use
40	0

☒ **Assign VPP Content**
Assign VPP content to mobile devices with iOS 9 or later

VPP Account
VPP account to use to assign content

Curtis_Test

Cancel Save

Once you click Save, JAMF will begin the process of assigning and installing the apps on the scoped devices. Devices will need to be unlocked and have an active internet connection to have apps installed. App installation times may vary.

If you have any questions or issues with this process, please escalate by calling the MLTI AppleCare Help Desk at 800-919-2775 and use the pin# 4MLTI.